Toxics Release Inventory (TRI)

State Utility (UTIL Basic) for Reporting Year 2001 User's Manual

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1.0 Introduction and Overview

Toxic chemical release information is submitted to the Emergency Planning and Community Right-to-Know Act Reporting Center (EPCRA RC) and to the appropriate state office by reporting activities using Form R and Form A. The EPA encourages reporting facilities to submit reports in a magnetic media format (floppy disks) instead of paper forms. To facilitate magnetic media reporting, the EPCRA RC developed and distributed Toxics Release Inventory reporting software which can be used by submitters to provide data via floppy diskettes.

UTIL uses the functionality of the Automated TRI Submission software (ATRS) for all data-entry operations. This enables users to to import disk submissions and to type in hardcopy submissions. The submissions are stored in a central database which is used by UTIL for exporting purposes.

This document describes **UTIL** software, it installation and use. **Section 2** discusses UTIL's functions and how to use them. **Section 3** lists the ODBC components, their installation and Registry keys. **Section 4** describes the dBase tables into which UTIL exports data, and the **Appendix** contains a listing of the names and sizes of the fields in the database files created by UTIL.

Note: You may notice the year 2000 on some of the figures contained in this document. In cases where the software year in the Window Title was the only change the figure was not updated. This saved us a few bucks!

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2.0 The UTIL Software

UTIL is used in conjunction with ATRS2001. The UTIL program reads data contained in the ATRS2001 database and enables the user create three new database tables from the data stored in the 17-table structure in ATRS.

This utility was created to enable a user to:

- View the names of the facilities and chemicals reported that are contained in an ATRS database.
- See what Form R and Form A reports are contained on any submission diskette.
- Print a list of Form R and Form A reports that are contained on a submission diskette.
- Create three master database files to copy all submissions from the ATRS database into these database files.

Note: All functions related to importing, viewing and printing the Form R and Form A's are resident in ATRS.

All database files created by UTIL are in standard dBASE (.dbf) format. These files are readily accessible by dBASE versions III and higher, as well as by other software packages that read '.dbf' files.

This release of UTIL 2001 Basic is functionally identical to UTIL 2000.

In order to use UTIL, you must also have ATRS2001 installed on your computer. You must have at least one facility submission loaded into the ATRS2001 database.

If you have any questions about UTIL, please contact the TRI Program Division. Current TRI contact information is available at http://www.epa.gov/tri/contacts.htm.*

> * Contact phone numbers could not be included in this document because the TRI Program is moving from its current location and the new numbers are not known at this time.

2.1 Hardware and Software Requirements for UTIL

- CPU with a Pentium processor
- Windows 9x, NT, or 2000 operating system
- CD-ROM - required to install the software
- ATRS2001 software installed
- 10MB free space on your hard drive

2.2 Installing UTIL

UTIL is contained in the self-extracting zipped file UTIL_ZIP.exe which is available on the TRI website. The application has been packaged to run from a single directory and will not write files anywhere other than the directory you into which you extract the UTIL_ZIP.EXE.

UTIL requires that ATRS2001 be installed on the users machine.

To Install:

All Windows 32-bit operating systems

Download UTIL_ZIP.EXE from the TRI website,
In Windows Explorer, Double-click UTIL_ZIP.EXE and extract the contents to the directory you want UTIL to run from.

Windows NT and Windows 2000

UTIL will inspect the registry for the necessary for the necessary ODBC entry to export data in dBase format. If the Registry key is not found then UTIL will prompt the user to add it to the registry. This requires Admin rights and the operation will fail without them. See section **3.0 ODBC Components** for specifics on the registry keys and values required.

Note: UTIL2001_basic does not install icons or program-menu entries. The program can be run by double-clicking the UTIL2001_basic.exe file.

2.3 Opening the Software

To Run:

Double click the **util2001_basic.exe** file

Note: The first time UTIL launches you will get a message asking to install the ODBC components required for UTIL to export data in DBF format (Figure 2-1). Click "OK" and the required entries will be made in your systems registry.

Figure 2-1 UTIL ODBC Initialization Message

UTIL will open with the screen shown in Figure 2-2.

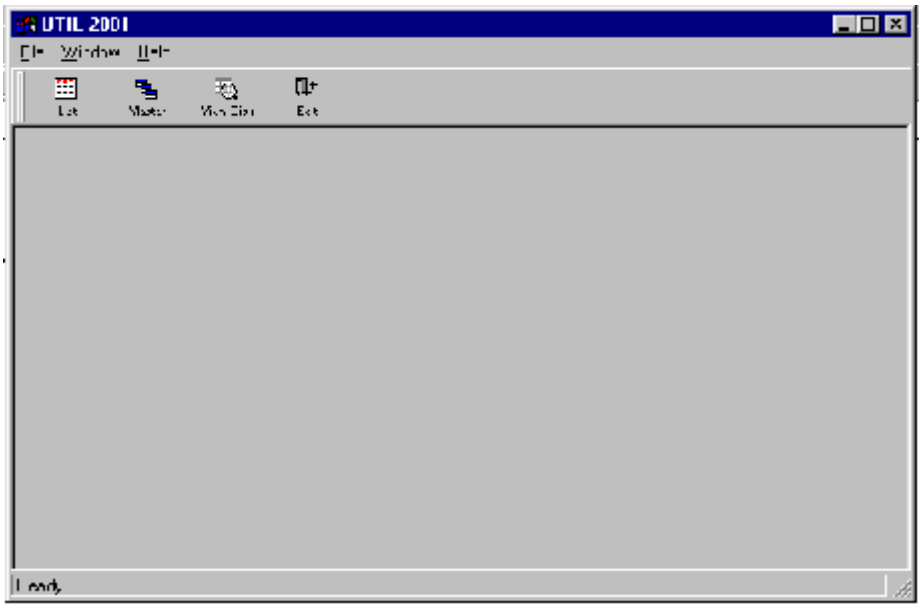

Figure 2-2 UTIL Opening Screen

Note 1: to use the UTIL software, you must have data in the ATRS2001 database. Data can be entered into ATRS either manually or imported from magnetic media (floppy diskette).

Note 2: Remember, you can not have both UTIL and ATRS open at the same time, because they use the same database.

2.4 Adding Data

UTIL has no data entry or importing functionality. All data importing and data entry functionality is contained in the ATRS software. To add data to ATRS, open the software, insert a data diskette, and choose 'Reload Data' (**Figure 2-3**). You can enter as much data from as many different facilities as required. You can also enter submissions from hardcopy by clicking the "List Facilities & Submissions" tab then clicking the appropriate button at the bottom of the screen to add a facility or new submission.

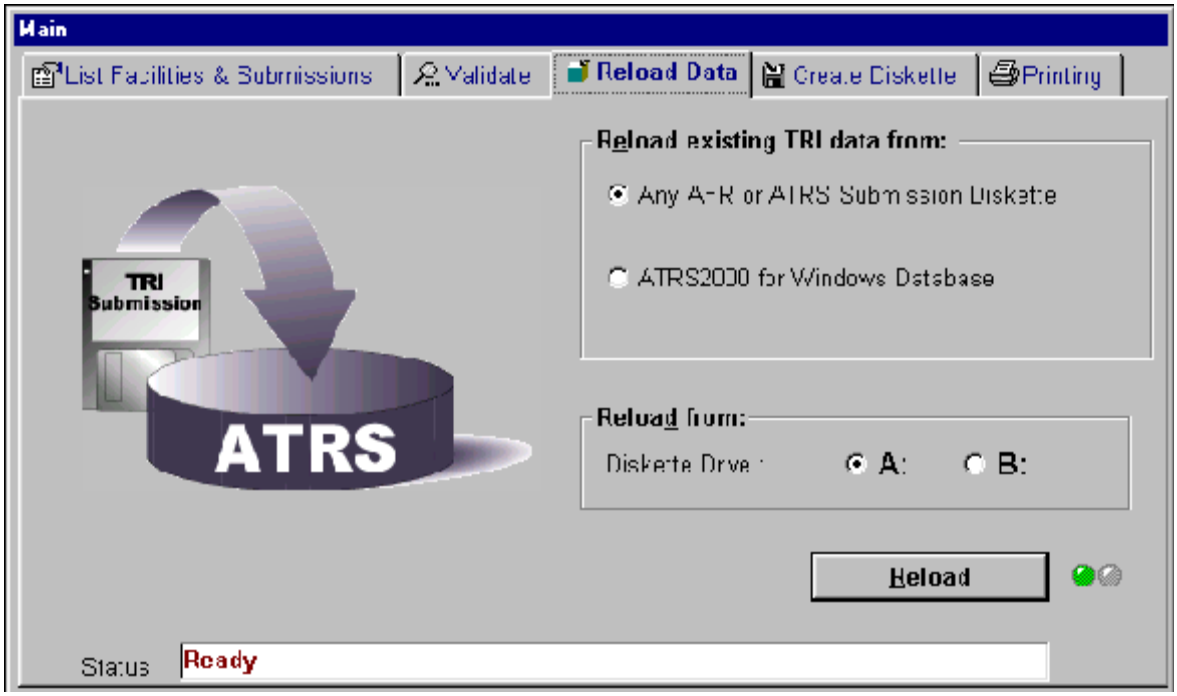

Figure 2-3 ATRS Reload Data Screen

Make sure you choose '**Append**' rather than '**Replace**' (**Figure 2-4**). Replace will delete the contents of the previous database and substitute only the data on the new diskette. Append will add the new diskette data to the existing data.

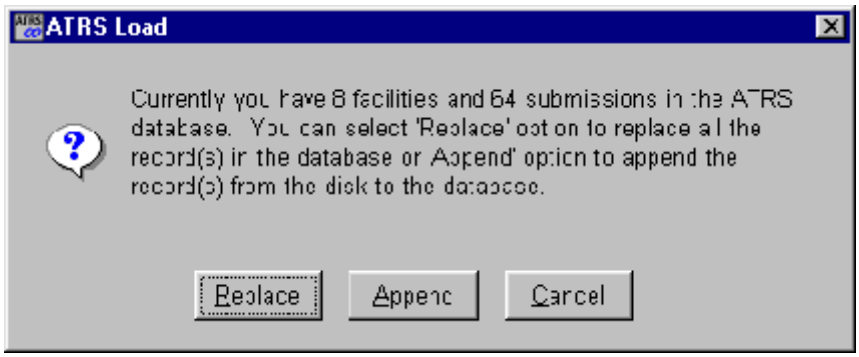

Figure 2-4 ATRS, Append Data

2.5 Using UTIL to View Data

To view data in UTIL, open the software and select '**List**' from **Figure 2-2**. Note **Figure 2-5** for UTIL is similar to **Figure 2-3** in ATRS.

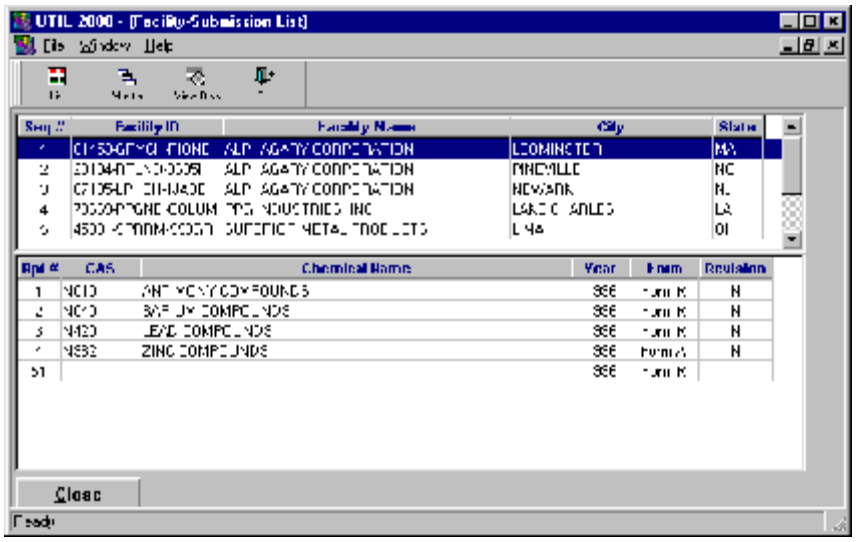

Figure 2-5 UTIL Facilities List

To view submissions contained on a diskette, select '**View Disk**' from the menu bar shown in **Figure 2-2** to get the screen shown in **Figure 2-6**.

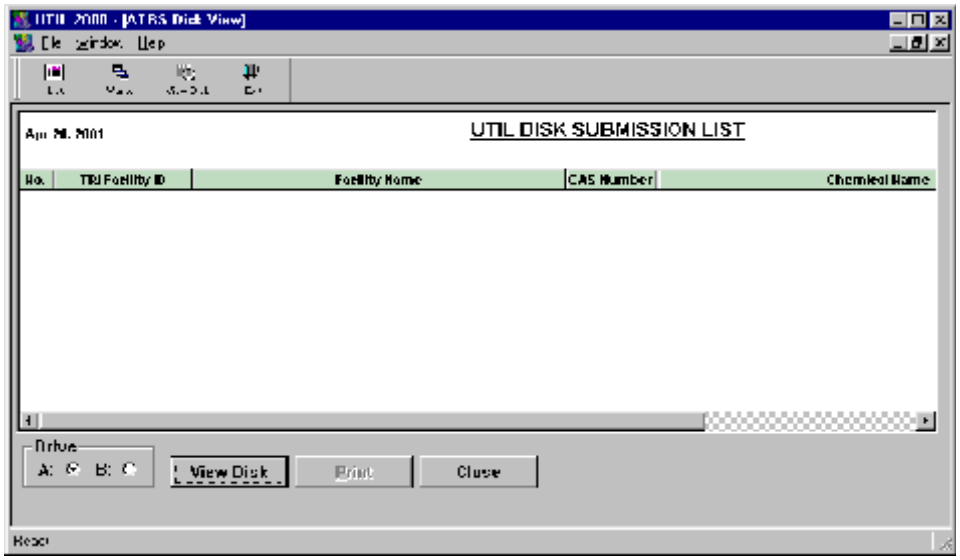

Figure 2-6 UTIL View Disk, Screen 1

Select the drive (usually **A:**) and click on the View Disk button at the bottom of the screen shown in **Figure 2-6** to get the **Figure 2-7** screen.

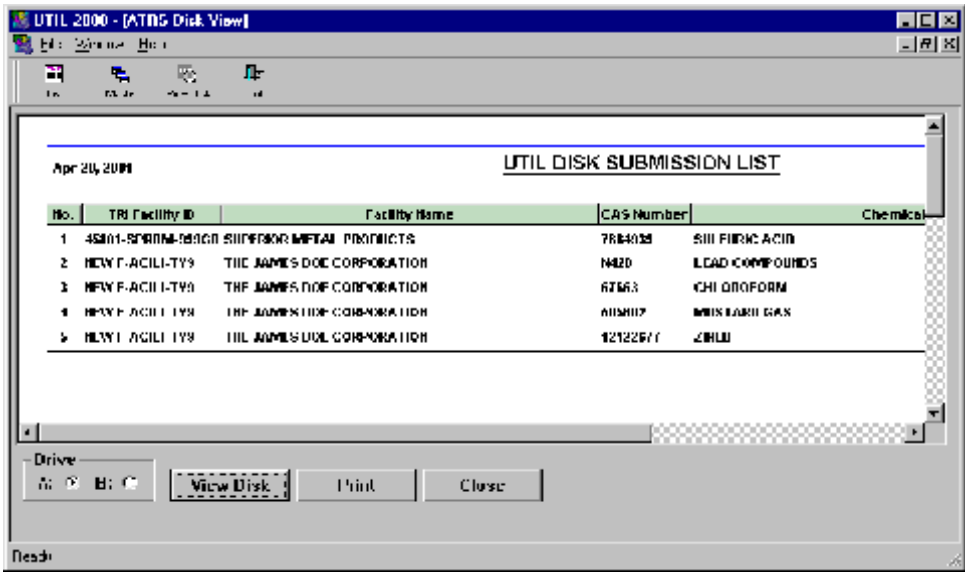

Figure 2-7 UTIL View Disk, Screen 2

Figure 2-7 shows the five chemical submissions the James Doe Corporation submitted on one diskette. From this view you can see the facility name, its TRIFID, and the Chemical name and CAS number.

Using the scroll bar at the bottom on the window, you can scroll to the right of the display and see the year of the data, and the form type (Form R or A).

2.6 Using UTIL to Print a List of Submissions on a Diskette

If you would like to print this list, click on the '**Print**' button near the bottom of the screen.
The list of submissions will print to your default printer.

If you have more than one printer, you may select a different printer by clicking on '**File**' on the toolbar and then choosing 'Printer Setup'.

2.7 Creating the Three Database files

Click on '**Master**' which will display the screen shown in **Figure 2-8.**
Click on '**Start**' to populate the 3-DBF files.
Click on '**Close**' once the operation is complete. The database files are in the directory UTIL are now be populated.

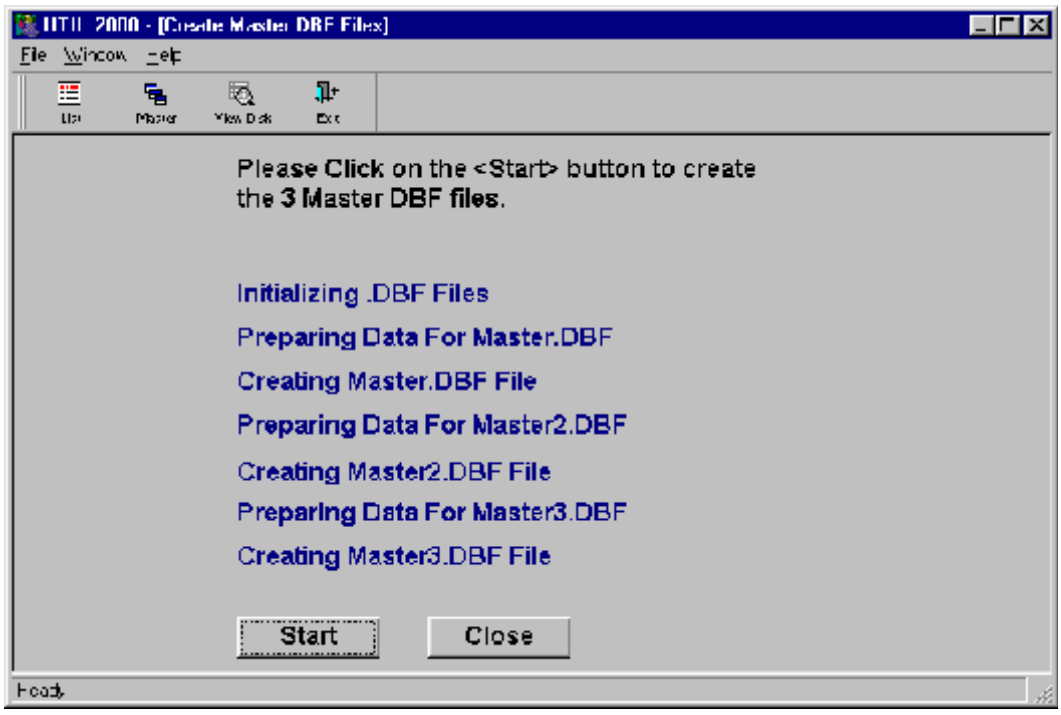

Figure 2-8 Creating Database Files

They can be opened or linked to by any software that can use .dbf files.

For example, in Microsoft Excel, select '**Open**' and browse to the installation folder.

Under '**Files of Type**' select '**dBase Files (*.dbf)**'. And you will see the three files.

Select a file and click on the 'Open' button to open that file.

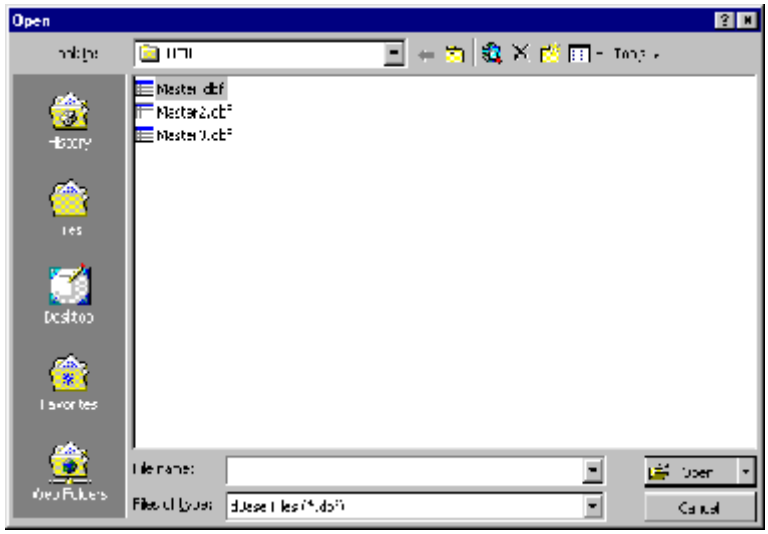

Figure 2-9..Opening UTIL Database Files with MSExcel

3.0 ODBC Components

UTIL uses the ODBC components installed by ATRS to read the ATRS database and will install a registry entry for the components needed to export to dBase format. You will be prompted the first time you run the application and asked if you wish to make the registry

UTIL Registry Entries
UTIL inspects the registry for the key "UTIL_dbase" and its subkey "Driver" each time the program runs. The following registry key and values are installed if it is not found with <path> being the string value for the folder containing the util executable and program files. For example, a machine having UTIL in the C:\UTIL directory would have the Driver and Setup subkey values of:

Driver	"C:\UTIL\pbdbf13.dll"
Setup	"C:\UTIL\pbdbf13.dll"

```
[HKEY_LOCAL_MACHINE\Software\ODBC\ODBC.INI\UTIL_dbase]
        APILevel                "1"
        ConnectFunctions        "YYY"
        Driver                  "<path>\pbdbf13.dll"
        DriverODBCVer       "03.11.0000"
        FileExtns               "*.dbf"
        FileUsage               "1"
        Setup                   "<path>\pbdbf13.dll"
        SQLLevel                "0"
        UsageCount              "1"
```

4.0 UTIL Database Files

The three database files each have more than 100 field names representing various data sets. The field names are listed in **Appendix A** with their description and field length. The database files have format has no changes from the previous.

5.0 Uninstalling UTIL

UTIL exists in 2 locations on your machine, one directory and one registry key. The application can be removed by simply deleting the subdirectory where the files exist. The registry key can be left in place or deleted. **Contact your technical support staff if you are not knowledgeable about your systems registry**. Leaving the key has no effect while deleting the wrong registry entry could disable your machine.

Uninstalling UTIL

1 **Backup Your Data -** If you have used UTIL to export data to DBF then Save the MASTER.dbf, MASTER2.dbf and MASTER3.dbf files to another directory,
Note: If you link to these tables using another application (MS Access, Fox Pro, etc. your links will no longer work.

2 **Delete the folder containing the UTIL program files**

UTIL Registry Key

IMPORTANT ADVICE: Leave the key unless you know exactly what you are doing!

Windows 95, 98 - using regedit go to HKEY_LOCAL_MACHINE\Software\ODBC.INI and find the key UTIL_dbase. Highlight the key, right click and choose Delete.

Windows NT, 2000 - using regedit open HKEY_LOCAL_MACHINE\Software\ODBC.INI and expand the key UTIL_dbase. Highlight each subkey*, right click and choose Delete. Once all subkeys are deleted you can delete the UTIL_dbase key.
Note: You need Admin rights to perform this operation.

* See section 3.0 for a the key and subkeys

Appendix A: Master Database Structure

This section contains record formats for the MASTER.DBF, MASTER2.DBF, and MASTER3.DBF databases that can be created using the UTIL2001 ***Master*** Button, ***Create Master DBF Files*** option from the UTIL2000 Main Menu.

MASTER.DBF File Format

Field Name and Description	DataType	Length
REPORT_NUM A unique sequential number assigned by UTIL99 to each Form R/Form A chemical report.	C	5
F_ID A unique facility ID assigned to each reporting facility by EPA; format is zzzzznnnnnaaaaa where: zzzzz = numbers only (5) nnnnn = letters, numbers, and spaces (5) aaaaa = letters, numbers, and spaces (5)	C	15
CHEM_NAME The name of the reported chemical or chemical category	C	70
CAS_NO The number assigned to a chemical by the Chemical Abstract Service (CAS) as a unique ID for that chemical; if claimed trade secret, this field will be blank	C	9
FAC_NAME The name for the reporting facility	C	60
FAC_STRT1 The first line of the street address of the reporting facility	C	30
FAC_STRT2 The second line of the street address of the reporting facility	C	30
FAC_CITY The city in which the reporting facility is located	C	25
FAC_CNTY The county in which the reporting facility is located	C	25

MASTER.DBF File Format

Field Name and Description	DataType	Length
FAC_STATE The two-letter state abbreviation for the facility	C	2
FAC_ZIP The code assigned by the U.S. Postal Service for use in the address of a facility.	C	9
FAC_LAT The latitude of the reporting facility	C	7
FAC_LONG The longitude of the reporting facility	C	7
PAR_CO_NAM The name of the corporation or other business entity that owns or controls, and has legal liability for the facility	C	45
PAR_CO_DUN The unique identifying number assigned by Dun and Bradstreet to the parent company of the reporting facility	C	9
MAIL_STR1 The first line of the mailing street address of the reporting facility	C	30
MAIL_STR2 The second line of the mailing street address of the reporting facility	C	30
MAIL_CITY The city in which the reporting facility receives mail	C	25
MAIL_PROVINCE The province where the reporting facility receives mail	C	25
MAIL_STATE The two letter abbreviation for the state where the reporting facility receives mail	C	2
MAIL_COUNT The two letter abbreviation for the country where the reporting facility receives mail	C	2
MAIL_ZIP The code assigned by the U.S. Postal Service for use in the mailing address of the facility	C	14

MASTER.DBF File Format

Field Name and Description	DataType	Length
MAIL_NAME The mailing name of the facility	C	60
FAC_SEQNUM Identifies the sequential occurrence of each unique facility on the disk	C	4
REPORT_YR The calendar year that the reported activities occurred	C	4
TRADE_SCRT Code identifying if the chemical is being claimed trade secret: Y = trade secret N = not trade secret	C	1
SANITIZED Indicates if a trade secret submission is sanitized or unsanitized: Y = sanitized N = unsanitized NA = not applicable	C	2
PART_FAC The indicator to show whether the information covers an entire or partial facility: A = Entire B = Partial Blank = No response	C	1
CERT_NAME The name of the official in the facility who signed the reporting form certifying the accuracy and completeness of all reported information	C	45
CERT_TITLE The corporate title of the official who signed the reporting form certifying the accuracy and completeness of all reported information	C	45
CERT_DATE The date that the reporting form was signed by an official of the facility certifying the accuracy and completeness of the information reported	C	8
TECH_NAME The name of an individual whom EPA, or state officials, may contact if clarification of the information reported on the form is required; this may be someone other than the person who prepares the report	C	45

MASTER.DBF File Format

Field Name and Description	DataType	Length
TECH_PHONE The telephone number, including area code, of the technical contact	C	20
CONT_NAME The name of an individual whom the public may contact if clarification of the information on the reporting form is required; if a public contact name is not provided, the technical contact's name is entered here	C	45
CONT_PHONE The area code and telephone number of the public contact	C	20
UIC_NUM1 The first Underground Injection Code (UIC) identification number assigned by EPA or the State, under authority of the Safe Drinking Water Act, to a facility that injects a chemical containing waste into Class 1 Deep Wells	C	12
UIC_NUM2 The second Underground Injection Code (UIC) identification number assigned by EPA or the State, under authority of the Safe Drinking Water Act, to a facility that injects a chemical containing waste into Class 1 Deep Wells	C	12
MIXTURE Mixture component identity or trade name product that contains a 313 chemical; this field name is used when the specific chemical name or CAS number is not known	C	70
PRODUCE Indicates whether the chemical is manufactured at the facility during the calendar year; valid values are Y or N	C	1
IMPORT Indicates whether the chemical is imported by the facility into the Customs Territory of the U.S. during the calendar year; valid values are Y or N	C	1
ON_SITE Indicates the chemical is produced or imported and then further processed or otherwise used at the same facility; valid values are Y or N	C	1
SALE_DIST Indicates the chemical is produced specifically for sale or distribution outside the manufacturing facility; valid values are Y or N	C	1

MASTER.DBF File Format

Field Name and Description	DataType	Length
BYPRODUCT Indicates the chemical is coincidentally produced during production, processing, otherwise use, or disposal of another chemical substance or mixture and, following its production, is separated from that other chemical substance or mixture; valid values are Y or N	C	1
IMPURITY Indicates the chemical is coincidentally produced as a result of the manufacture, processing, or otherwise use of another chemical but is not separated and remains primarily in the mixture or product with that other chemical; valid values are Y or N	C	1
IMPURITY2 Indicates a second chemical is coincidentally produced as a result of the manufacture, processing, or otherwise use of another chemical but is not separated and remains primarily in the mixture or product with that other chemical; valid values are Y or N	C	1
REACTANT Indicates that the chemical is used in chemical reactions for the manufacture of another chemical substance or of a product; valid values are Y or N	C	1
FORMULATN Indicates a chemical is added to a product (or product mixture) prior to further distribution of the product that acts as a performance enhancer during use of the product; valid values are Y or N	C	1
ARTICLE Indicates a chemical that becomes an integral component of an article distributed for industrial, trade, or consumer use; valid values are Y or N	C	1
REPACKAGE Indicates the processing or preparation of a chemical (or product mixture) for distribution in commerce in a different form, state, or quantity; valid values are Y or N	C	1
CHEM_PROC Indicates a chemical that is added to a reaction mixture to aid in the manufacture or synthesis of another chemical substance but is not intended to remain in or become part of the product or product mixture; valid values are Y or N	C	1

MASTER.DBF File Format

Field Name and Description	DataType	Length
MNFG_AID Indicates a chemical that aids the manufacturing process but does not become part of the resulting product and is not added to the reaction mixture during the manufacture or synthesis of another chemical substance; valid values are Y or N	C	1
ANCILLARY Indicates a chemical that is used at a facility for purposes other than aiding chemical processing or manufacturing as described in the previous twelve activities and uses codes	C	1
MAX_ONSITE Code that indicates the maximum amount of the chemical at the facility, at any time during the calendar year	C	2
FAIR_REL Fugitive releases of the chemical to the air that are not released through stacks, vents, ducts, pipes, or any other confined air stream	C	11
FAIR_BASIS The principal method by which the total release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
SAIR_REL Total releases of the toxic chemical to the air that occur through stacks, vents, ducts, pipes, or other confined air streams	C	11
SAIR_BASIS The principal method by which the total release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
UI1_REL Total amount of the chemical that was injected into Class I wells at the facility	C	11

MASTER.DBF File Format

Field Name and Description	DataType	Length
UI1_BASIS The principal method by which the release estimate for Class I wells was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
RCRA_REL The total amount of the toxic chemical that was placed in RCRA Subtitle C landfills.	C	11
RCRA_BAS The principal method by which the total release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
LND_REL On-site releases of chemical for land treatment/application farming	C	11
LAND_BAS The principal method by which the release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
SRF_REL On-site releases of chemical for surface impoundment	C	11
SRF_BAS The principal method by which the release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2

MASTER.DBF File Format

Field Name and Description	DataType	Length
OTHR_REL On-site releases of a listed toxic chemical released to land that does not fit the categories of landfills, land treatment, or surface impoundment. Includes any spills or leaks of listed toxic chemicals to land.	C	11
OTHR_BAS The principal method by which the "other" release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
POTW_REL Total annual quantity of the toxic chemical in wastes sent to publicly-owned treatment work facilities	C	11
POTW_BAS The principal method by which the total release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
QRELS_COLA Total annual quantity of chemical released in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
QRELS_COLB Total annual quantity of chemical released in the current reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
QRELS_COLC Total annual estimate of the quantity of chemical expected to be released in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13

MASTER.DBF File Format

Field Name and Description	DataType	Length
QRELS_COLD Total annual estimate of the quantity of chemical expected to be released in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCV_COLA Total annual quantity of chemical used for energy recovery on-site in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCV_COLB Total annual quantity of chemical used for energy recovery on-site in current reporting; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCV_COLC Total annual quantity of chemical used for energy recovery on-site in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCV_COLD Total annual quantity of chemical used for energy recovery on-site in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCV_COLA Total annual quantity of chemical used for energy recovery off-site in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCV_COLB Total annual quantity of chemical used for energy recovery off-site in the current reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCV_COLC Total annual quantity of chemical used for energy recovery off-site in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13

MASTER.DBF File Format

Field Name and Description	DataType	Length
OFRCV_COLD Total annual quantity of chemical used for energy recovery off-site in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCY_COLA Total annual quantity of chemical recycled on-site in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCY_COLB Total annual quantity of chemical recycled on-site in the current reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCY_COLC Total annual quantity of chemical recycled on-site in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONRCY_COLD Total annual quantity of chemical recycled on-site in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCY_COLA Total annual quantity of chemical recycled off-site in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCY_COLB Total annual quantity of chemical recycled off-site in the current reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCY_COLC Total annual quantity of chemical recycled off-site in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFRCY_COLD Total annual quantity of chemical recycled off-site in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONTRT_COLA Total annual quantity of chemical treated on-site in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13

MASTER.DBF File Format

Field Name and Description	DataType	Length
ONTRT_COLB Total annual quantity of chemical treated on-site in the current reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONTRT_COLC Total annual quantity of chemical treated on-site in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
ONTRT_COLD Total annual quantity of chemical treated on-site in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFTRT_COLA Total annual quantity of chemical treated off-site in the prior reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFTRT_COLB Total annual quantity of chemical treated off-site in the current reporting year; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFTRT_COLC Total annual quantity of chemical treated off-site in the current reporting year + 1; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
OFTRT_COLD Total annual quantity of chemical treated off-site in the current reporting year + 2; valid values are: blank, up to 13-digits, right-justified NA or 0	C	13
RELSE_ENVI Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production process	C	13
PROD_RATIO Production ratio or activity index; valid values are: blank, right-justified NA or 0, or up to six (6) positions for whole numbers - first position may be negative sign and two (2) positions for decimals with an implied decimal point	C	9
REV_FLAG Revision indicator flag; valid values are Y = submitter marked the submission as a revision, and N = not a revision	C	1

MASTER.DBF File Format

Field Name and Description	DataType	Length
FED_FLAG Federal facility indicator; valid values are Y = federal facility, or N = non-federal facility	C	1
CERT_LTR Indicates that a chemical report is a two-page certification statement (Form A); valid values are either Y = two-page certification statement (Form A), or N = five-page Form R.	C	1
UI2_REL Total annual amount of the chemical that was injected into Class II-IV wells	C	11
UI2_BASIS The principal method by which the total release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
FILL_REL On-site releases of chemical to other landfill	C	11
FILL_BAS The principal method by which the total release estimate was calculated; values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
SIC1 Four-digit Standard Industrial Classification code for the facility	C	4
SIC2 Four-digit Standard Industrial Classification code for the facility	C	4
SIC3 Four-digit Standard Industrial Classification code for the facility	C	4
SIC4 Four-digit Standard Industrial Classification code for the facility	C	4

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Field Name and Description	DataType	Length
SIC5 Four-digit Standard Industrial Classification code for the facility	C	4
SIC6 Four-digit Standard Industrial Classification code for the facility	C	4
DUN_NUM1 Unique nine-digit number assigned by Dun and Bradstreet to the reporting facility	C	9
DUN_NUM2 Unique nine-digit number assigned by Dun and Bradstreet to the reporting facility	C	9
EPA_ID1 Twelve-character alphanumeric identifier assigned under the Resource Conservation and Recovery Act (RCRA)	C	12
EPA_ID2 Twelve-character alphanumeric identifier assigned under the Resource Conservation and Recovery Act (RCRA)	C	12
NPDES1 This is a nine-character alphanumeric identifier assigned through the National Pollutant Discharge Elimination System	C	10
NPDES2 This is a nine-character alphanumeric identifier assigned through the National Pollutant Discharge Elimination System	C	10
SITRCVMTD1 Code identifying the energy recovery process used on-site	C	3
SITRCVMTD2 Code identifying the energy recovery process used on-site	C	3
SITRCVMTD3 Code identifying the energy recovery process used on-site	C	3
SITRCVMTD4 Code identifying the energy recovery process used on-site	C	3
SITRCVMTH1 Code identifying the on-site recycling process used	C	3

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Field Name and Description	DataType	Length
SITRCVMTH2 Code identifying the on-site recycling process used	C	3
SITRCVMTH3 Code identifying the on-site recycling process used	C	3
SITRCVMTH4 Code identifying the on-site recycling process used	C	3
WTMESTREM1 A code that corresponds to the general wastestream type: A = Gaseous W = Wastewater L = Liquid waste S = Solid waste NA = Not applicable	C	2
WTMETRET11 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET12 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET13 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET14 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3

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Field Name and Description	DataType	Length
WTMETRET15 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET16 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET17 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET18 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMEINFLU1 The code corresponding to the range concentration of the toxic chemical in the wastestream (i.e., influent)	C	2
WTMEEFFIC1 The estimate of the percentage of the toxic chemical removed from the wastestream; the efficiency represents any destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated	C	5
WTMEDATA1 Code indicating if information given on treatment was based on operating data; valid values are Y = Yes, and N = No	C	1

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Field Name and Description	DataType	Length
WTMESTREM2 A code that corresponds to the general wastestream type: A = Gaseous W = Wastewater L = Liquid waste S = Solid waste NA = Not applicable	C	2
WTMETRET21 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET22 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET23 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET24 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET25 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET26 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3

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Field Name and Description	DataType	Length
WTMETRET27 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET28 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMEINFLU2 The code corresponding to the range concentration of the toxic chemical in the wastestream (i.e., influent)	C	2
WTMEEFFIC2 The estimate of the percentage of the toxic chemical removed from the wastestream; the efficiency represents any destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated	C	5
WTMEDATA2 Code indicating if information given on treatment was based on operating data; valid values are Y = Yes, and N = No	C	1
WTMESTREM3 A code that corresponds to the general wastestream type: A = Gaseous W = Wastewater L = Liquid waste S = Solid waste NA = Not applicable	C	2
WTMETRET31 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3

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Field Name and Description	DataType	Length
WTMETRET32 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET33 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET34 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET35 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET36 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET37 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET38 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3

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Field Name and Description	DataType	Length
WTMEINFLU3 The code corresponding to the range concentration of the toxic chemical in the wastestream (i.e., influent)	C	2
WTMEEFFIC3 The estimate of the percentage of the toxic chemical removed from the wastestream; the efficiency represents any destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated	C	5
WTMEDATA3 Code indicating if information given on treatment was based on operating data; valid values are Y = Yes, and N = No	C	1
WTMESTREM4 A code that corresponds to the general wastestream type: A = Gaseous W = Wastewater L = Liquid waste S = Solid waste NA = Not applicable	C	2
WTMETRET41 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET42 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET43 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3

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Field Name and Description	DataType	Length
WTMETRET44 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET45 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET46 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET47 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMETRET48 The code for each on-site waste treatment method used on a waste stream containing the toxic chemical, regardless of whether the waste treatment method actually removes the specific toxic chemical being reported	C	3
WTMEINFLU4 The code corresponding to the range concentration of the toxic chemical in the wastestream (i.e., influent)	C	2
WTMEEFFIC4 The estimate of the percentage of the toxic chemical removed from the wastestream; the efficiency represents any destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated	C	5

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Field Name and Description	DataType	Length
WTMEDATA4 Code indicating if information given on treatment was based on operating data; valid values are Y = Yes, and N = No	C	1
MASTER.DBF Total Record Length		**1651**

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Field Name and Description	DataType	Length
REPORT_NUM Unique sequential number assigned by UTIL99 to each Form R/Form A chemical report	C	5
F_ID Unique facility ID assigned to each reporting facility by EPA; format is zzzzznnnnnaaaaa where: zzzzz = numbers only (5) nnnnn = letters, numbers, and spaces (5) aaaaa = letters, numbers, and spaces (5)	C	15
CHEM_NAME The name of the reported chemical or chemical category	C	70
CAS_NO The number assigned to a chemical by the Chemical Abstract Service (CAS) as a unique ID for that chemical; if claimed trade secret, this field will be blank	C	9
OFFSTECOD1 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4
OFFSTEREL1 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS1 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE1 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID1 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFNAME11 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME12 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET11 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET12 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY1 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY1 The county name of the off-site transfer facility to which the chemical is sent	C	25
OFF_PROV1 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE1 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY1 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP1 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL1 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD2 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFSTEREL2 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS2 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE2 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID2 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12
OFFNAME21 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME22 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET21 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET22 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY2 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY2 The county name of the off-site transfer facility to which the chemical is sent	C	25

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Field Name and Description	DataType	Length
OFF_PROVIN2 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE2 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY2 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP2 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL2 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD3 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4
OFFSTEREL3 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS3 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE3 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID3 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFNAME31 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME32 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET31 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET32 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY3 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY3 The county name of the off-site transfer facility to which the chemical is sent	C	25
OFF_PROVIN3 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE3 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY3 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP3 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL3 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD4 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4

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Field Name and Description	DataType	Length
OFFSTEREL4 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS4 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE4 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID4 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12
OFFNAME41 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME42 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET41 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET42 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY4 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY4 The county name of the off-site transfer facility to which the chemical is sent	C	25

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFF_PROVIN4 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE4 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY4 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP4 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL4 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD5 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4
OFFSTEREL5 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS5 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE5 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID5 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFNAME51 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME52 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET51 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET52 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY5 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY5 The county name of the off-site transfer facility to which the chemical is sent	C	25
OFF_PROVIN5 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE5 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY5 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP5 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL5 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD6 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFSTEREL6 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS6 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE6 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID6 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12
OFFNAME61 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME62 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET61 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET62 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY6 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY6 The county name of the off-site transfer facility to which the chemical is sent	C	25

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Field Name and Description	DataType	Length
OFF_PROVIN6 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE6 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY6 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP6 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL6 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD7 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4
OFFSTEREL7 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS7 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE7 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID7 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFNAME71 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME72 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET71 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET72 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY7 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY7 The county name of the off-site transfer facility to which the chemical is sent	C	25
OFF_PROVIN7 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE7 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY7 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP7 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL7 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD8 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFSTEREL8 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS8 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE8 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID8 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12
OFFNAME81 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME82 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET81 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET82 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY8 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY8 The county name of the off-site transfer facility to which the chemical is sent	C	25

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFF_PROVIN8 The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE8 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNTRY8 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP8 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL8 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
OFFSTECOD9 The sequential numeric code for the off-site transfer facility to which the toxic chemical waste was transferred	C	4
OFFSTEREL9 An estimation of the amount of toxic chemical released or transferred to the off-site location from the reporting facility	C	11
OFFSTEBAS9 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
OFFSTETRE9 Code to identify the type of waste treatment, disposal, recycling, or energy recovery methods used by the off-site location for the reported toxic chemical	C	3
RCRA_ID9 An identification number assigned to the off-site transfer facility by the Resource Conservation and Recovery Act (RCRA)	C	12

MASTER2.DBF File Format

Field Name and Description	DataType	Length
OFFNAME91 The first line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFNAME92 The second line of the name of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET91 The first line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFFSTRET92 The second line of the street address of the off-site transfer facility to which the chemical is sent	C	30
OFF_CITY9 The city name of the off-site transfer facility to which the chemical is sent	C	25
OFFCOUNTY9 The county name of the off-site transfer facility to which the chemical is sent	C	25
OFF_PROVIN The province of the off-site transfer facility to which the chemical is sent	C	25
OFF_STATE9 The state of the off-site transfer facility to which the chemical is sent	C	2
OFF_COUNRTY9 The country of the off-site transfer facility to which the chemical is sent	C	2
OFF_ZIP9 The nine-digit zip code of the off-site transfer facility to which the chemical is sent	C	14
OFFCNTRL9 Indicates whether the off-site location is owned or controlled by the reporting facility or its parent company; valid values are Y or N	C	2
MASTER2.DBF Total Record Length		**2322**

MASTER2.DBF File Format

Field Name and Description	DataType	Length

MASTER3.DBF File Format

Field Name and Description	Data Type	Length
REPORT_NUM A unique sequential number assigned by UTIL99 to each Form R/Form A chemical report.	C	5
F_ID A unique facility ID assigned to each reporting facility by EPA; format is zzzzznnnnnaaaaa where: zzzzz = numbers only (5) nnnnn = letters, numbers, and spaces (5) aaaaa = letters, numbers, and spaces (5)	C	15
CHEM_NAME The name of the reported chemical or chemical category	C	70
CAS_NO The number assigned to a chemical by the Chemical Abstract Service (CAS) as a unique ID for that chemical; if claimed trade secret, this field will be blank	C	9
POTW_CODE1 The sequential numeric code for the POTW facility to which the toxic chemical waste water was transferred	C	4
POTWNAME11 The first line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWNAME12 The second line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE11 The first line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE12 The second line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTW_CITY1 The city name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25

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Field Name and Description	Data Type	Length
POTWCOUNT1 The county name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWSTATE1 The state name of the POTW to which the facility discharges wastewater containing the reported chemical	C	2
POTW_ZIP1 The nine-digit zip code of the POTW to which the facility discharges wastewater containing the reported chemical	C	9
POTW_CODE2 The sequential numeric code for the POTW facility to which the toxic chemical waste water was transferred	C	4
POTWNAME21 The first line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWNAME22 The second line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE21 The first line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE22 The second line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTW_CITY2 The city name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWCOUNT2 The county name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWSTATE2 The state name of the POTW to which the facility discharges wastewater containing the reported chemical	C	2

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Field Name and Description	Data Type	Length
POTW_ZIP2 The nine-digit zip code of the POTW to which the facility discharges wastewater containing the reported chemical	C	9
POTW_CODE3 The sequential numeric code for the POTW facility to which the toxic chemical waste water was transferred	C	4
POTWNAME31 The first line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWNAME32 The second line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE31 The first line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE32 The second line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTW_CITY3 The city name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWCOUNT3 The county name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWSTATE3 The state name of the POTW to which the facility discharges wastewater containing the reported chemical	C	2
POTW_ZIP3 The nine-digit zip code of the POTW to which the facility discharges wastewater containing the reported chemical	C	9
POTW_CODE4 The sequential numeric code for the POTW facility to which the toxic chemical waste water was transferred	C	4

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Field Name and Description	Data Type	Length
POTWNAME41 The first line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWNAME42 The second line of the name of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE41 The first line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTWSTRE42 The second line of the street address of the POTW to which the facility discharges wastewater containing the reported chemical	C	30
POTW_CITY4 The city name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWCOUNT4 The county name of the POTW to which the facility discharges wastewater containing the reported chemical	C	25
POTWSTATE4 The state name of the POTW to which the facility discharges wastewater containing the reported chemical	C	2
POTW_ZIP4 The nine-digit zip code of the POTW to which the facility discharges wastewater containing the reported chemical	C	9
STREAMCOD1 The sequential numeric code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL1 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11

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Field Name and Description	Data Type	Length
STREAMBAS1 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT1 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM1 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
STREAMCOD2 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL2 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS2 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT2 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM2 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
STREAMCOD3 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4

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Field Name and Description	Data Type	Length
STREAMREL3 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS3 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT3 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM3 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
STREAMCOD4 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL4 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS4 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT4 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM4 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70

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Field Name and Description	Data Type	Length
STREAMCOD5 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL5 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS5 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT5 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM5 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
STREAMCOD6 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL6 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS6 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT6 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5

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Field Name and Description	Data Type	Length
STREAMNAM6 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
STREAMCOD7 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL7 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS7 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2
STORM_PCT7 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM7 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
STREAMCOD8 The code for a surface water body or receiving stream to which the chemical is directly discharged	C	4
STREAMREL8 An estimation of the amount of toxic chemical released or transferred to the stream from the reporting facility	C	11
STREAMBAS8 The principal method by which the total release estimate was calculated; valid values are: M = Based on monitoring data C = Based on mass balance calculations E = Based on published emission factors O = Other	C	2

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Field Name and Description	Data Type	Length
STORM_PCT8 The percentage of the total quantity (by weight) of the chemical released to water that was contributed by storm water runoff	C	5
STREAMNAM8 The name of the receiving stream or water body as it appears on the NPDES permit for the reporting facility	C	70
SRCEREDUC1 Code indicating the method used for source reduction activities in the reporting year	C	3
MTHDSID11 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID12 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID13 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
SRCEREDUC2 Code indicating the method used for source reduction activities in the reporting year	C	3
MTHDSID21 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID22 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID23 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
SRCEREDUC3 Code indicating the method used for source reduction activities in the reporting year	C	3

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Field Name and Description	Data Type	Length
MTHDSID31 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID32 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID33 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
SRCEREDUC4 Code indicating the method used for source reduction activities in the reporting year	C	3
MTHDSID41 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID42 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
MTHDSID43 Code indicating the technique used to identify the source reduction activities in the reporting year	C	3
DIOXIN_NA Speciation data not applicable.	C	1
DIOXINPCT1 Per cent of 1,2,3,4,6,7,8-Heptachlorodibenzofuran in total release	C	5
DIOXINPCT2 Per cent of 1,2,3,4,6,7,9-Heptachlorodibenzofuran in total release	C	5
DIOXINPCT3 Per cent of 1,2,3,4,7,8-Hexachlorodibenzofuran in total release	C	5
DIOXINPCT4 Per cent of 1,2,3,6,7,8-Hexachlorodibenzofuran in total release	C	5

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Field Name and Description	Data Type	Length
DIOXINPCT5 Per cent of 1,2,3,7,8,9-Hexachlorodibenzofuran in total release	C	5
DIOXINPCT6 Per cent of 2,3,4,6,7,8-Hexachlorodibenzofuran in total release	C	5
DIOXINPCT7 Per cent of 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin in total release	C	5
DIOXINPCT8 Per cent of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin in total release	C	5
DIOXINPCT9 Per cent of 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin in total release	C	5
DIOXINPCT10 Per cent of 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin in total release	C	5
DIOXINPCT11 Per cent of 1,2,3,4,6,7,8,9-Octachlorodibenzofuran in total release	C	5
DIOXINPCT12 Per cent of 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin in total release	C	5
DIOXINPCT13 Per cent of 1,2,3,7,8-Pentachlorodibenzofuran in total release	C	5
DIOXINPCT14 Per cent of 2,3,4,7,8-Pentachlorodibenzofuran in total release	C	5
DIOXINPCT15 Per cent of 1,2,3,7,8-Pentachlorodibenzo-p-dioxin in total release	C	5
DIOXINPCT16 Per cent of 2,3,7,8-Tetrachlorodibenzofuran in total release	C	5
DIOXINPCT17 Per cent of 2,3,7,8-Tetrachlorodibenzo-p-dioxin in total release	C	5

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Field Name and Description	Data Type	Length
MASTER3.DBF Total Record Length		**1709**